

<p style="text-align: center;"><b>INFORMATION DISCLOSURE CITATION</b> <i>(use several sheets if necessary)</i></p> <p style="text-align: right;">OCT 08 2003 PATENT &amp; TRADEMARK OFFICE</p>				Docket Number (Optional) <b>15689.81</b>		Application Number <b>09/964,904</b>	
				Applicant(s) <b>Hijin Sato, et al.</b>			
				Filing Date <b>September 27, 2001</b>	Group Art Unit <b>2661</b>		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NRN	1	<b>5,095,500</b>	<b>3/10/1992</b>	Tayloe et al.	<b>379</b>	<b>32</b>	<b>10/19/1990</b>
	2	<b>5,884,163</b>	<b>3/16/1999</b>	Hardouin	<b>455</b>	<b>423</b>	<b>12/23/1996</b>
	3	<b>5,551,058</b>	<b>8/27/1996</b>	Hutcheson et al.	<b>455</b>	<b>33.2</b>	<b>10/31/1994</b>
<b>RECEIVED</b>							
JUL 11 2003							
Technology Center 2600							
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
NRN	4	<b>GB 2271486A</b>	<b>4/13/1994</b>	United Kingdom	<b>H04B7</b>	<b>26</b>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER		<i>Melvin Ramakrishna</i>		DATE CONSIDERED		<i>12/15/08</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<p style="text-align: center;">O I P E INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p style="text-align: center;">AUG 25 2003</p>				Docket Number (Optional) 15689.81		Application Number 09/964,904	
<p>Applicant(s) Hijin Sato, et al.</p>				Filing Date September 27, 2001		Group Art Unit 2661	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MRK	1	5,832,368	11/3/1998	Nakano et al.	455	63	12/12/1996
RECEIVED							
AUG 28 2003							
Technology Center 2000							
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
MRK	2	07298334 A	11/10/1985	Japan	H04Q7	22	✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<p> </p> <p> </p>							
<p>EXAMINER Melvin Ramakrishna</p>				<p>DATE CONSIDERED 12-15-05</p>			
<p>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

NOV 17 2004

Docket Number (Optional)

15689.81

Application Number

09/964,904

Applicant(s)

Hijin Sato et al.

Filing Date

September 27, 2001

Group Art Unit

2661

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NRL	1	5,528,247	6/18/1996	Nonami	342	357	6/7/1994

## U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS

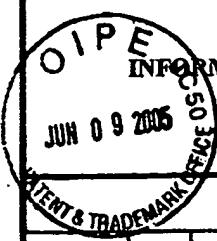
(Including Author, Title, Date, Pertinent Pages, Etc.)

NRL	2	Austrian Patent Office Service and Information Sector (TRF) Search Report Singapore Application 200105890-8

EXAMINER	Melvin Ramakrishna	DATE CONSIDERED
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12-5-05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Docket Number (Optional) 15689.81	Application Number 09/964,904
Applicant(s) Hijin Sato et al.	
Filing Date September 27, 2001	Group Art Unit 2661

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
NRK	1	07-170566	7/4/1995	Japan	H04Q7	36	✓	
	2	11-004476	1/6/1999	Japan	H04Q7	36	✓	
	3	10-023514	1/23/1998	Japan	H04Q7	36	✓	
	4	11-163784	6/18/1999	Japan	H04B7	26	✓	
✓	5	09-065422	3/7/1997	Japan	H04Q7	38	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NRK	6	Official Notice of Rejection Patent Application No.: 2000-311229 Case No.: DCMH120177
NRK	7	Official Notice of Rejection Patent Application No.: 2000-300975 Case No.: DCMH120150

EXAMINER *Medur. Ramakrishna* DATE CONSIDERED *12-5-08*

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